

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A method of representing a video image based on a video signal by means of a projector which comprises an image display device and a high-pressure gas discharge lamp, which lamp is supplied with a square-wave alternating current (I0, I10) on which a current pulse (P1, P3, P10, P40) is superimposed before each phase reversal, characterized in that the alternating current (I0, I10) is superimposed with a second current pulse (P2, P4, P20, P30, P50, P60) of the same polarity.
2. (original) A method as claimed in claim 1, characterized in that the current pulse (P2, P4, P20, P30, P50, P60) occurs periodically.
3. (original) A method as claimed in claim 1, characterized in that the current pulse (P2, P4, P20, P30, P50, P60) occurs aperiodically.
4. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 3~~claim 1, characterized in that the second current pulse (P2, P4, P20, P30, P50, P60) has the same

contour as the current pulse (P1, P3, P10, P40) before the phase reversal.

5. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 3~~claim 1, characterized in that the current pulse (P2, P4, P20, P30, P50, P60) has a pulse duration (tP2, tP20, tP30) that can be varied.

6. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 3~~claim 1, characterized in that the current pulse (P2, P4, P20, P30, P50, P60) has an amplitude that can be varied.

7. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 6~~claim 1, characterized in that the current pulse (P2, P4, P20, P30, P50, P60) lies within a time period given by the last 80% of the total duration of a half cycle.

8. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 7~~claim 1, characterized in that the alternating current (I0, I10) is synchronized with the video signal.

9. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 8~~claim 1, characterized in that the current pulse (P1, P2, P3, P4, P10, P20, P30, P40, P50, P60) takes place during a white segment (4, 8).

10. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 8~~claim 1, characterized in that the current pulse (P1, P2, P3, P4, P10, P20, P30, P40, P50, P60) occurs during a transition (10, 11, 12, 13, 14) from one color to another.

11. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 7~~claim 1, characterized in that the frequency of the alternating current (I0, I10) can be varied.

12. (currently amended) A projector for a method as claimed in ~~one or several of the preceding claims 1 to 11~~claim 1.

13. (original) A projector for representing a video image based on a video signal, comprising an image display device and a high-pressure gas discharge lamp, which lamp is supplied with a square-wave alternating current (I0, I10) on which a current pulse (P1, P3, P10, P40) is superimposed before each phase reversal, characterized in that the alternating current (I0, I10) is

superimposed with a second current pulse (P2, P4, P20, P30, P50, P60) of the same polarity.